ORNITHOLOGY

Editor

Glenn G. Mertz, BU 1455

Corrections/Updates

BRAZIL, V67(2), p123
Correction: Issue of 6/19/2017, Araripe Manakin, *Antilophia bokermanni,* Sc#3352c (1.25r) and Sc#3353c (1.25r) were listed in the family of Columbidae, but belong in the family of Pipridae.

Maldive Islands, V67(3) on pages 222 & 223 have been assigned Scott Numbers.
Update: Wild Life of Maldives: Ducks. Remove Mi6763-6766 & List Sc#3824a-d
Remove Mi 6767 for SS & list Sc#3834
Remove Mi6768-6771 (Doves) & list Sc#3819a-d
Remove Mi# and list SS (Doves) as Sc#3829
Remove N/A for Owls & Mushrooms and list Sc#3825a-d
Remove NA SS for Owls & Mushrooms and list Sc#3835
Remove Mi7033-7036 for Birds of Prey & list Sc#3884a-d
Remove Mi7037 & list Sc3894
Remove Mi7028-Mi7031 for Hornbills & list Sc#3879a-d
Remove Mi7032 & list SS as Sc#3889
Remove Mi7043-Mi7046 for Owls & list Sc$3878a-d
Remove Mi7047 & list Sc#3888 for SS
Remove Mi7048-7051 & list for (Seabirds), Sc#3881a-d
Remove Mi7052, for SS & list Sc#3891
Remove Mi7038-7041, for (Parrots) & list Sc#3883a-d
Remove Mi7042 for SS, & list Sc#3893
Remove Mi7023-7026 for (Indigo Birds) & list Sc#3880a-d
Remove Mi7027 for SS & list as Sc#3890
Remove Mi7018-Mi7021 for (Kingfishers) & list Sc#3885a-d
Remove Mi7022 for SS & list Sc#3895

New Listings

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	Code
ARMENIA		**2019 November 12** (Fauna) Seet/2		A*
1200	230d	Common Kingfisher, *Alcedo atthis*	Alcedinidae	
AUSTRALIA				A*

A sheet of seven se-tenant stamps, four in the top row, and three in the 2nd row, entitled "Finches of Australia". No date is listed for this sheet. I'm listing the stamps and will follow-up with an editoral comment.

Top Row

N/A	$1.00	Beautiful Firetail, *Stagonopleura bella*	Estrildidae
N/A	$2.00	Black-throated Finch, *Poephila cincta*	Estrildidae
N/A	$1.00	Gouldian Finch, *Erythrura gouldiae*	Estrildidae

AUSTRALIA (continued)

N/A	$1.00	Zebra Finch, *Taeniopygia guttata*	Estrildidae
		2nd Row	
N/A	$1.00	Star Finch, *Neochmia ruficauda*	Estrildidae
N/A	$1.00	Double-barred Finch, *Taeniopygia bichenovii*	Estrildidae
N/A	$1.00	Blue-faced Parrot-Finch, *Erythrura trichroa*	Estrildidae

This sheet has no Scott number as can be seen by my listing N/A. When I checked with the New Issues Editor, Martin Frankevicz, at Scott Publishing as to why no numbers.

His reply is as follows: "The finch stamps were issued in Februay and June of 2018. They saw nothing in any of the Australia Product guides of any sheet of seven stamps being issued in November of 2018, nor did he see anything online about such an item. He asked if I had received them Australia Post, if so, do you have a product and price paid for this item. He asked is this sheet was issued with a Philatelic Show Emblem on the sheet or in the margin".

When I replied back that I got my sheet from my New Issues dealer, who receives all his Stamps from Bombay Philatelic Stamps, and that I had none of what he was asking.

His subsequent reply was as follows; "If the sheet is from a yearbook, it's not something Scott Publishing would list. Australia Post and many other postal authorities put out all sorts of "Proucts"some of which are sold for well above face value, some being high-priced and in extremely limited quantities and anything to make a buck. Scott has a Catalogue listing policy and they don't list items that stray beyond the boundaries set by the policy".

So collectors out there, keep in mind, that many postal authorities do just as Australia Post, as well as does our own USPS, so be alert to what you are willing to pay to have some of the items for your "collecting interests". I myself prefer items that Scott Publishing will assign a Scott number to based on their existing policy guidelines and internal regulations.

This last paragraph is my own comments, but collectors are free to buy what they feel makes a "complete collection."

CYPRUS (TURKISH) **2019 June 20** (Europa) Set/2 A*

830a	5.25l	Bonelli's Eagle, *Aquila fasciata*	Accipitridae
830b	5.25l	Barn Owl, *Tyto alba*	Tytonidae

ESTONIA **2019 Oct.tober 17** Single A*

907	€0.65	Eurasian Nightjar, *Caprimulgus europaeus*	Caprimulgidae

GREAT BRITAIN Alderney **2020 January 21** Set/16 A*

645	1p	Dunnock, P*runella modularis*	Prunellidae
646	2p	European Robin, *Erithacus rubecula*	Muscicapidae
647	3p	Black Redstart, *Phoenicurus ochruros*	Muscicapidae
648	4p	Whinchat, *Saxicola rubetra*	Muscicapidae
649	5p	Common Kingfisher, *Alcedo atthis*	Alcedinidae
650	6p	Western Yellow Wagtail, *Motacilla flava*	Motacillidae
651	7p	European Goldfinch, *Carduelis carduelis*	Fringillidae
652	8p	Meadow Pipit, *Anthus pratensis*	Motacillidae
653	9p	Eurasian Blue Tit, *Cyanistes caeruleus*	Paridae
654	10p	Atlantic Puffin, *Fratercula arctica*	Alcidae
655	20p	Ruddy Turnstone, *Arenaria interpres*	Scolopacidae
656	40p	Common Ringed Plover, *Charadrius hiaticula*	Charadriidae
657	50p	European Shag, *Phalacrocorax aristotelis*	Phalacrocoracidae
658	£1	European Kestrel, *Falco tinnunculus*	Falconidae
659	£2	Barn Owl, *Tyto alba*	Tytonidae
600	£4	Long-eared Owl, Asio otus	Strigidae

GREAT BRITAIN Isle of Man **2019 October 28** (Christmas) Set/10 A*

2067e	(57p)	European Robin, *Erithacus rubecula*	Muscicapidae

FRENCH SOUTHERN & ANTARCTIC TERR. **2020 January 2** Single A*

624	€1.55	Dimorphic Egret, *Egretta garzetta dimorpha* (ssp of Little Egret)	Ardeidae

2020 January 2 SS/1 A*

628	€1	Amsterdam Albatross, *Diomedea exulans amsterdamensis* (ssp of Wandering Albatross)	Diomedeidae

2020 January 2 SS/1 B*

629	€6.45	Emperor Penguin, *Aptenodytes forsteri*	Spheniscidae

GREENLAND **2019 October 21** Single A*

825	25k	Birds species not known.

GRENADA **2019 September 8 (**Roseate Spoonbill) Set/4, SS/2 A*

4344a	$4.00	Roseate Spoonbill, *Platalea ajaja* (Bird is facing right)	Threskiornithidae
4344b	$5.00	Same species, bird facing left	
4344c	$6.00	Same species, in flight to the right	
43444	$7.00	Same species, wading, facing left	
4345a	$4.00	SS Same species, facing right	
4545b	$4.00	SS Same species, facing left (These two on the SS are facing each other)	

GRENADA-GRENADINES **2019 May 24** (Colorful Birds) Set/4, SS/1 A*

3025a	$3.00	Ringed Kingfisher, *Megaceryle torquatus*	Alcedinidae
3025b	$3.00	Pearly-eyed Thrasher, *Margarops fuscatus*	Mimidae
3025c	$4.00	Bananaquit, *Coereba flaveola*	Thraupidae
3025d	$4.00	Shiny Cowbird, *Molothrus bonariensis*	Icteridae
3025e	$5.00	Tropical Mockingbird, M*imus gilvus*	Mimidae
3025f	$5.00	Lesser Antillean Bullfinch, *Loxigilla noctis*	Emberizidae
3026	$14.00	SS Purple Gallinule, *Porphyrio martinicus*	Rallidae

INDONESIA **2018 November 5** (Flora and Fauna) Set/6 A*

2490a	3,000r	Knobbed Hornbill, *Rhyticeros cassidix*	Bucerotidae
2491	10,000r	SS Same species	

IRELAND **2019 April 11** (Europa) Set/2 A*

2226	(€1.00)	Roseate Tern, *Sterna dougallii*	Laridae
2227	(€1.70)	European Golden-Plover, *Pluvialis apricaria*	Charadriidae

JAPAN **2019 February 20** Set/10 B*

4275b	62¥	Red-flanked Bluetail, *Tarsiger cyanurus*	Muscicapidae

2019 February 22 Set/2 A*

4277	82¥	Red-crowned Crane, *Grus japonensis*	Gruidae

2019 April 12 (Flora & Fauna of Kurobe Gorge) Sheet/10 A*

4283a	82¥	Red-flanked Bluetail, *Tarsiger cyanurus*	Muscicapidae
4283d	82¥	Blue-and-white Flycatch*er, Cyanoptila cyanomelana*	Muscicapidae
4283j	82¥	Alpine Accentor, *Prunella collaris*	Prunellidae

2019 November 6 (Japanese Traditional Color Series #3) Sheet/10 A*

4357j	63¥	Red-crowned Crane, *Grus japonensis*	Gruidae

KAZAKHSTAN **2019 December 12** (Europa) Set/3 A*

903a	500te	Golden Eagle, *Aquila chrysaetos*	Accipitridae
903b	500te	Same species, head but lower body section in 903c	
903c	500te	Same species, chick	

KOREA (SOUTH) **2019 November 27** (Falconry, UNESCO Intangible Cultural Heritage) Set/2 A*

2563b	380w	Northern Goshawk, *Accipiter gentilis*	Accipitridae
2563b	380w	Same species	
		Ringled Pheasant, *Phasianus colchicu*s	Phasianidae

KOSOVO **2019 May 9** (Europa) Set/2 A*

410	1,00€	Common Buzzard, *Buteo buteo*	Accipitridae
411	2,00€	European Turtle-Dove, *Streptopelia turtur*	Columbidae
412	2,00€	SS Western Yellow Wagtail, *Motacilla flava*	Motacillidae
		(Cap. as Great Tit, *Parus major*)	
		Red-backed Shrike, *Lanius collurio*	Laniidae
		Rufous-tailed Rock-Thrush, *Monticola saxatilis*	Turdidae

KYRGYZSTAN **2019, May 19** (Bird of the Year with "Birdlife International" logo) Single A*

114	150s	Little Bustard, *Tetrax tetrax*	Otididae

LEBANON **2019 May 13** (International Migratory Bird Day) Set/3 A*

807	2250£	European Goldfinch, *Carduelis carduelis*	Fringillidae
808	2250£	Great Tit, *Parus major*	Paridae
		(Stamp has *Cyanistes caeruleus*)	
809	2250£	White Stork, *Ciconia ciconia*	Ciconiidae

LIBERIA **2018 December 31** (National Bird of Liberia) Set/4 A*

3308a	$100	Common Bulbul, *Pycnonotus barbatus* (on perch)	Pycnonotidae
3308b	$200	Same species, head of bird.	
3308c	$300	Same species, bird on branch	
3308d	$400	Same species, two birds.	

2019 March 11 (Marabou Stork) Set/4 A*

3311a	$250	Marabou Stork, *Leptoptilos crumenifer* (facing left)	Ciconiidae
3380b	$300	Same species, landing or taking off.	
3311c	$350	Same species, facing front	
3311d	$400	Same species, in flight	

2019 March 11 (African Openbill Stork) SS/3 A*

3312a	$200	African Openbill, *Anastomus lamelligerus* (Facing right)	Ciconiidae
3312b	$300	Same species, facing right, wings upheld	
3312c	$400	Same species, facing right, wading	

2019 March 11 (White-necked Rockfowl) SS/2 A*

3313a	$400	White-necked Rockfowl, *Picathartes gymnocephalus*	Picathartidae
3313b	$500	Same species, but a drawing with upper head & body within the stamp frame	

LIBERIA (continued)

2019 March 13 (Cuckooshrike of Liberia) Set/4 A*

3314a $300 Blue Cuckooshrike, *Cyanograucalus azureus* Campephagidae
(Stamp has genus of *Coracina azurea*)
3314b $300 Ghana Cuckooshrike, *Lobotos lobatus* V68(2) Campephagidae
(Stamp has scientific name of *Campephaga lobata*)
3314c $300 Red-shouldered Cuckooshrike, *Campephaga phoenicea* (♀) V68(2) Campephagidae
3314d $300 Same species (♂) Campephagidae

2019 April 18 (Piapiac) Set/3, SS/1 A*

3322a $250 Piapiac, *Ptilostomus afer* (facing right) Corvidae
3322b $300 Same species, two birds on branch
3322c $350 Same species, facing right
3323 $800 SS Same species, on back of animal

2019 April 19 (African Buffalo) Set/4 A*

3324b $250 Cattle Egret, *Bubulcus ibis* Ardeidae
3325 $800 SS Piapiac, *Ptilostomus afer* (on back of buffalo) Corvidae

2019 June 8 (Guinea Turaco) Set/3, SS/1 A*

3332a $200 Guinea Turaco, *Tauraco persa* Musophagidae
3332b $300 Same species, two birds on branch
3332c $400 Same species, facing left
3333 $800 SS Same species

MARSHALL ISLANDS **2018 December 21** (Owls of the World) Set/6 A*

1219a $0.50 Striped Owl, *Asio clamator* Strigidae
1219b $0.75 Barred Owl, *Strix varia* Strigidae
1219c $1.00 Short-eared Owl, *Asio flammeus* Strigidae
1219d $1.25 Rufous-legged Owl, *Strix rufipes* Strigidae
1219e $1.50 Great Gray Owl, *Strix nebulosa* Strigidae
1219f $1.75 Long-eared Owl, *Asio otus* Strigidae

2019 March 10 (Birds of Marshall Islands) set/6. SS/1 A*

1225a $1.50 White Tern, *Gygis alba* Laridae
1225b $1.50 Sacred Kingfisher, *Todiramphus sanctus* Alcedinidae
1225c $1.50 Black Noddy, *Anous minutus* Laridae
1225d $1.50 Pectoral Sandpiper, *Calidris melanotos* Scolopacidae
1225e $1.50 Brown Noddy, *Anous stolidus* Laridae
1225f $1.50 Great Crested Tern, *Thalasseus bergii* Laridae
1226 $5.00 SS Crimson-crowned Fruit-Dove, *Ptilinopus porphyraceus* Columbidae

MONTENEGRO **2019 May 9** (Europa) SS/1 A*

442a €0.95 Eurasian Capercaillie, *Tetrao urogallus* Phasianidae
Note: In V69(1), I listed the date for the single stamp as 5/19/2019 instead of 5/9/2019.

MONTSERRAT **2019 August 15** (The Caribbean Flamingo) Set/4, SS/1 A*

1824a $4.00 American Flamingo, *Phoenicopterus ruber* (Head) Phoenicopteridae
1824b $5.00 Same species, feeding
1824c $6.00 Same species, two in flight

MONTSERRAT (continued)

1824d $7.00 Same species, two in water

1825 $12.00 SS Same species and in margins

NAMIBIA **2017 September 17** Set/5 B*

1363 ($6.60) Lappet-faced Vulture, *Torgos tracheliotos* Accipitridae

2018 May 18 (Francolins) Set/5 A*

1370 ($4.30) Red-billed Francolin, *Pternistis adspersus* Phasianidae

1371 ($7.10) Crested Francolin, *Dendroperdix sephaena* Phasianidae

1372 ($7.90) Swainson's Francolin, *Pternistis swainsonii* Phasianidae

1373 ($8.10) Coqui Francolin, *Peliperdix coqui* Phasianidae

1374 ($34.40) Orange-River Francolin, *Scleroptila gutturalis* Phasianidae

NETHERLANDS **2019 April 23** (Europa) set/2 A*

1590a (€1.45) European Goldfinch, *Carduelis carduelis* Fringillidae

1590b (€1.45) Bohemian Waxwing, *Bombycilla garrulus* Bombycillidae

2019 May 20 Minisheet/6 A*

1591a (87c) Eurasian Blue Tit, *Cyanistes caeruleus* Paridae

1591b (87c) Eurasian Wren, *Troglodytes troglodytes* Troglodytidae

1591c (87c) European Robin, *Erithacus rubecula* Muscicapidae

1591d (87c) House Sparrow, *Passer domesticus* Passeridae

1591e (87c) Goldcrest, *Regulus regulus* Regulidae

1591f (87c) Great Tit, *Parus major* Paridae

NEW CALEDONIA **2019 August 9** A*

Three stamp of the Kagu type issue of 2016 were issued, all date "2019"; also a SA was also issued and a booklet of ten, also dated "2019". No values were listed in the Scott listing so I emailed the New Issues Editor for price values. This was his reply: "When we list minors that are not following majors in the update, as in the case of New Caledonia 1219b, etc.the June update, we don't include the face value for the minor in the listing. When these listing lines are merged into the catalog, 1219f will appear under the 1219a. For stamps with actual face values shown on them, the face value of the minors will be the same as the major stamp. If the stated denomination were different, the new stamp would be a new major listing. In the case of non-denominated stamps, the selling price of a minor varity can be a different than the original stamp if the of a stamp covered by the non-denominated rate has changed after the original stamp was issued. We will generally note such changes in selling prices in a footnote when we are aware of them. We cannot keep track of every time a non-denominated stamp changes its selling price. Some countries change rates frequently, particularly when there is a fair amount of inflation of the country's currency."

Hopefully this explanation will answer why no price values were listed in the Scott listings shown in the new issues that appeared in the Linn's Stamp News for these New Caledonia listings.

NEW ZEALAND **2020 March 4** (Parakeets) Set/5 A*

2908 $1.30 Yellow-crowned Parakeet, *Cyanoramphus auriceps* Psittaculidae

2909 $1.30 Malherbe's Parakeet, *Cyanoramphus malherbi* Psittaculidae

2910 $2.60 Red-crowned Parakeet, *Cyanoramphus novaezelandiae* Psittaculidae

2911 $3.30 Chatham Parakeet, *Cyanoramphus forbesi* Psittaculidae
(Cap. as Forbes' Parakeet)

NEW ZEALAND (continued)

2912	$4.00	Antipodes Parakeet, *Cyanoramphus unicolor* (Cap. as Antipodes Island Parakeet)	Psittaculidae
2912a		SS of 5, #2908-2912 in a se-tenant format of the 5	

NIUAFO'OU **2018 December 18** Set/12 with white frames, set/12 without frames A*

381	$0.05	Black-and-white Owl, *Ciccaba nigrolineata*	Strigidae

[Stamp also has listed Band-bellied Owl, (*Pulsatrix melanota*-Hybrid) but I see only one owl on the stamp and the first name listed on the stamp has genus of Strix.]

382	$0.10	Powerful Owl, *Ninox strenua*	Strigidae
383	1.40pa	Martial Eagle, *Polemaetus bellicosus*	Accipitridae
384	2.30pa	Great Gray Owl, *Strix nebulosa*	Strigidae
385	2.50pa	Crested Goshawk, *Accipiter trivirgatus*	Accipitridae
386	2.80pa	Jungle Owlet, *Glaucidium radiatum*	Strigidae
386a		SS of 6, #381-386	
387	4.30pa	Short-toed Snake-Eagle, *Circaetus gallicus*	Accipitridae
388	5.20pa	Minahassa Masked-Owl, *Tyto inexspectata* V68(2)	Tytonidae
389	6.90pa	Gray-headed Fish-Eagle, *Ichthyophaga ichthyaetu*s	Accipitridae
390	9.30pa	White-eyed Buzzard, *Butastur teesa*	Accipitridae
391	9.50pa	Eurasian Marsh-Harrier, *Circus aeruginosus*	Accipitridae
392	11.50pa	African Hawk-Eagle, *Aquila spilogaster* (Cap. as species name of *Hieraetus/aquila spilogaster*)	Accipitridae
392a		SS of 6 #387-392	
393a-l		Same bird species for stamps with no white frames	

2019 November 18 Set/4 with white frames, set/4 without frames A*

398	2.25pa	Sharp-shinned Hawk, *Accipiter striatus*	Accipitridae
399	2.70pa	Philippine Eagle, *Pithecophaga jefferyi*	Accipitridae
400	4.20pa	Palm-nut Vulture, *Gypohierax angolensis*	Accipitridae
401	9.20pa	Crested Serpent-Eagle, *Spilornis cheela*	Accipitridae

402a-d Same bird species and values as listed above, but with no white frames.
402e SS 402a-d, but have two stamps with white frames on two sides.

2019 November 25 Set/4 with white frames, set/4 without frames A*

403	14.40pa	Victoria's Riflebird, *Ptiloris victoriae*	Paradisaeidae
404	20.60pa	Ribbon-tailed Astrapia, *Astrapia mayeri*	Paradisaeidae
405	25pa	Raggiana Bird-of-Paradise, *Paradisaea raggiana*	Paradisaeidae
406	30pa	Wilson's Bird-of-Paradise, *Cicinnurus respublica*	Paradisaeidae

407a-d Same birds and values as above, but no white frames
407e SS #407a-407d, but two stamps have white frames on two sides.

PALAU **2018 December 27** (Pacific Waterfowl) Minisheets/6 A*

1412a	$0.50	Eurasian Teal, *Anas crecca* (♂)	Anatidae
1412b	$0.75	Same species (♀)	Anatidae
1412c	$1.00	Eurasian Wigeon, *Mareca penelope* (♂)	Anatidae
1412d	$1.25	Same species (♀)	Anatidae

PALAU (continued)

1412e	$1.50	Mallard, *Anas platyrhynchos* (♂)	Anatidae
1412f	$1.75	Same species (♀)	Anatidae
1413a	$0.50	Northern Pintail, *Anas acuta* (♂)	Anatidae
1413b	$0.75	Same species (♀)	Anatidae
1413c	$1.00	Northern Shoveler, *Spatula clypeata* (♂)	Anatidae
1413d	$1.25	Same species (♀)	Anatidae
1413e	$1.50	Tufted Duck, *Aythya fuligula* (♂)	Anatidae
1413f	$1.75	Same species (♀)	Anatidae

PENRHYN ISLAND **2018 May 4** (Birdpex 2018 Philatelic Exhibition) Blk/4 A*

583a	$1.50	Marbled Godwit, *Limosa fedoa*	Scolopacidae
583b	$1.50	Temminck's Stint, *Calidris temminckii*	Scolopacidae
583c	$1.50	Wilson's Phalarope, *Phalaropus tricolor*	Scolopacidae
583d	$1.50	Common Sandpiper, *Actitis hypoleucos*	Scolopacidae

2018 December 20 Set/12 with white frames, set/12 without frames A*

588	$0.20	Secretary-bird, *Sagittarius serpentarius*	Saggittariidae
589	$0.30	White-tailed Eagle, *Haliaeetus albicilla*	Accipitridae
590	$0.40	European Honey-Buzzard, *Pernis apivoris*	Accipitridae
591	$0.50	Black-shouldered Kite, *Elanus axillaris*	Accipitridae
592	$1.00	Swallow-tailed Kite, *Elanoides forficatus*	Accipitridae
593	$2.00	Osprey, *Pandion haliaetus*	Pandionidae
593a		SS of six, #588-593	
594	$2.40	Snail Kite, *Rostrhamus sociabilis*	Accipitridae
595	$2.60	Pallas's Fish-Eagle, *Haliaeetus leucoryphus* (Cap. as Sea-Eagle)	Accipitridae
596	$4.50	Steller's Sea-Eagle, *Haliaeetus pelagicus*	Accipitridae
597	$5.00	Bald Eagle, *Haliaeetus leucocephalus*	Accipitridae
598	$7.50	Yellow-billed Kite, *Milvus aegyptius*	Accipitridae
599	$10.00	Bearded Vulture, *Gypaetus barbatus*	Accipitridae
599a		SS of 6, #594-599	

600a-600l are the same species as listed above, but have no white frames; but 598a and 599a have white frames on two sides, which are the top and bottom stamps on the right side of the block of the souvenir sheets.

2019 October 11 Set/4 with white frames, set/4 without frames A*

603	$5.50	Military Macaw, *Ara militaris*	Psittacidae
604	$6.70	Blue-throated Macaw, *Ara glaucogularis*	Psittacidae
605	$22.40	Scarlet Macaw, *Ara macao*	Psittacidae
606	$29.90	Chestnut-fronted Macaw, *Ara severus*	Psittacidae
607a-d		Same species as listed above, have no white frames.	

607e SS of 4, #607a-607d. This SS has white frames on two sides, which are the top and bottom stamps on the right side of the SS.

2019 November 15 Set/4 with white frames, Set/4 without frames A*

608	$2.50	Mississippi Kite, *Ictinia mississippiensis*	Accipitridae

PENRHYN ISLAND (continued)

609	$3.00	Snowy Owl, *Bubo scandiacus*	Strigidae
610	$4.00	Black Kite, *Milvus migrans*	Accipitridae
611	$6.00	African Goshawk, *Accipiter tachiro*	Accipitridae

612a-d Same species and values as shown above, have no white frames.

612e SS of 4, #612a-d, have white frames on two sides only, which are the top and bottom stamps on the right side of the SS.

PHILIPPINES **2019 November** 20 Set/4 + labels A*

3834a	25p	Blue-tailed Bee-eater, *Merops philippinus*	Meropidae
3834b	25p	Visayan Broadbill, *Eurylaimus samarensis* V69(1)	Eurylaimidae
3834c	25p	Warbling White-eye, *Zosterops japonicus*	Zostropidae
3834d	25p	Fire-breasted Flowerpecker, D*icaeum ignipectus*	Dicaeidae

PITCAIRN ISLAND **2019 June 14 (**Warblers) Set/3 A*

859a	$1.80	Pitcairn Reed Warbler, *Acrocephalus vaughani*	Acrocephalidae
859b	$2.10	Same species	
859c	$3.40	Same species	

PORTUGAL **2019 March 20** (Calouste Sarkis Gulbenkian, philanthropist) Set/2 B*

4109	53c	Indian Peafowl, *Pavo cristatus*	Phasianidae

2019 May 9 (Europa) Set/2 A*

4124	86c	Bluethroat, *Luscinia svecica*	Muscicapidae
4125a	86c	European Robin, *Erithacus rubecula*	Muscicapidae

4125 SS of 2, #4124, 4125a. Both values 86c

QATAR **2016 December 17** (National Day) Set/2 A*

1127b 500r Falcon species, not identified.

ROMANIA **2019 August 14** (Exotic Birds) Set/6 + label A*

6305	1.40l	Greater Bird of Paradise, *Paradisaea apoda*	Paradisaeidae
6306	1.60l	Resplendent Quetzal, *Pharomachrus mocinno*	Trogonidae
6307	1.70l	Red-breasted Toucan, *Ramphastos dicolorus*	Ramphastidae
6308	3.10l	Northern Royal Flycatcher, *Onychorhynchus mexicanus* (Now a ssp of Royal Flycatcher)	Tyrannidae
6309	5l	American Flamingo, P*hoenicopterus ruber*	Phoenicopteridae
6310	19l	Magnificent Riflebird, *Ptiloris magnificus*	Paradisaeidae

SINGAPORE **2019 May 8** (Diplomatic Relations with Israel, 50y) Set/2 A*

1967	$1.30	Crimson Sunbird, *Aethopyga siparaja* (LS)	Nectarinidae
		Eurasian Hoopoe, *Upupa epops* (RS)	Upupidae
1968	$1.30	Same species, but birds are reversed on the stamps	

1968a SS of 2, #1967-1968

2019 October 30 (Diplomatic Relations with Poland 50y) Set/2 A*

1997	$1.30	Oriental Pied-Hornbill, *Anthracoceros albirostris*	Bucerotidae
1998	$1.30	Peregrine Falcon, *Falco peregrinus*	Falconidae

1998a SS of 2, #1997-1998

SLOVAKIA **2019 May 3** (Europa) Single, perf and SA A*

815	€1.70	European Roller, *Coracias garrulus*	Coraciidae
816	€1.70	Same species, SA format	Coraciidae
816a		Booklet pane of 6	

SPAIN **2019 April 23** (Europa) Single A*

4356	€1.0	Bearded Vulture, *Gypaetus barbatus*	Accipitridae

SRI LANKA **2019 October 5** (Fauna of Wasgamuwa National Park) Set/5, SS/1 A*

2201	45r	Red-faced Malkoha, *Phaenicophaeus pyrrhocephalus*	Cuculidae

SURINAM **2019 October 9** (Cockatoos) Block/12 A*

1574a	$2.00	Yellow-crested Cockatoo, *Cacatua sulphurea citrinocristata*	Cacatuidae
1574b	$4.00	Same species as above but not listed as a ssp	Cacatuidae
1574c	$6.00	Long-billed Corella, *Cacatua tenuirostris*	Cacatuidae
1574d	$7.00	Gang-Gang Cockatoo, *Callocephalon fimbriatum*	Cacatuidae
1574e	$9.00	Red-tailed Black-Cockatoo, *Calyptorhynchus banksii*	Cacatuidae
1574f	$10.00	Baudin's Black-Cockatoo, *Calyptorhynchus baudinii*	Cacatuidae
		(Previously shown in the margin of a Guinea sheet of 12/7/07)	
1574g	$11.00	Yellow-tailed Black-Cockatoo, *Calyptorhynchus funereus* V69(1)	Cacatuidae
1574h	$12.00	Glossy Black-Cockatoo, *Calyptorhynchus lathami*	Cacatuidae
1574i	$14.00	Carnaby's Black-Cockatoo, *Calyptorhynchus latirostris*	Cacatuidae
1574j	$18.00	Galah, *Eolophus roseicapilla*	Cacatuidae
1574k	$20.00	Cockatiel, *Nymphicus hollandicus*	Cacatuidae
1574l	$22.00	Palm Cockatoo, *Probosciger aterrimus*	Cacatuidae

2019 July 27 Set of 6 SSs A*

1578	$5.00	Burnished-buff Tanager, *Stilpbua cataba*	Thraupidae
		(Cap. *Tangara* as genus)	
1579	$5.00	Rose-breasted Chat, *Granatellus pelzelni*	Cardinalidae
1582	$5.00	Caica Parrot, *Pyrilia caica*	Psittacidae
		(Cap. as genus of *Pionopsitta*)	
1583	$5.00	Yellow-hooded Blackbird, *Chrysomus icterocephalus* V69(1)	Icteridae
		(Genus listed as *Agelaius*)	
1584	$5.00	Spotted Tanager, *Ixothraupis punctata*	Thraupidae
		(Genus listed as *Tangara*)	
1586	$5.00	Green-rumped Parrotlet, *Forpus passerinus*	Psittacidae
1589	$5.00	Orange-winged Parrot, *Amazona amazonica*	Psittacidae

SWEDEN **2019 November 7** Coil single B*

2848	(9k)	European Goldfinch, *Carduelis carduelis* (LS)	Fringillidae
		Yellowhammer, *Emberiza citrinella*	Emberizidae

TAJIKISTAN **2018 December 20** (Nature Reserve) Set/4 A*

507b	3s	Chukar, *Alectoris chukar*	Phasianidae
507c	5s	White-browed Tit-Warbler, *Leptopoecile sophiae*	Aegithalidae
		White-capped Redstart, *Phoenicurus leucocephalus* V68(1)	Muscicapidae
507d	5.40s	Common Buzzard, *Buteo buteo*	Accipitridae
		Blue Whistling Thrush, *Myophonus caeruleus*	Muscicapidae

TAJIKISTAN (continued)

2019 July 26 (Owls) Set/4 A*

517	3.50s	Tawny Owl, *Strix aluco*	Strigidae
518	4.50a	Boreal Owl, *Aegolius funereus*	Strigidae
519	5.80s	Eurasian Eagle-Owl, *Bubo bubo*	Strigidae
520	6.00s	Barn Owl, *Tyto alba*	Tytonidae

TOGO **2020 February 28** (Hornbills) Set/4, SS/1 A*

N/A	800f	Northern Red-billed Hornbill, *Tockus erythrorhynchus*	Bucerotidae
N/A	800f	Great Hornbill, *Buceros bicornis*	Bucerotidae
N/A	800f	Abyssinian Ground-Hornbill, *Bucorvus abyssinicus*	Bucorvidae
N/A	800f	Von der Decken's Hornbill, *Tockus deckeni*	Bucerotidae
N/A	3300f SS	Silvery-cheeked Hornbill, *Bycanistes brevis*	Bucerotidae
Margin		White-crested Hornbill, *Horizocerus albocristatus*	Bucerotidae
		Southern Yellow-billed Hornbill, *Tockus leucomelas*	Bucerotidae

2020 February 28 (Pigeons) Set/4, SS/1 A*

N/A	800f	Speckled Pigeon, *Columba guinea*	Columbidae
N/A	800f	Metallic Pigeon, *Columba vitiensis griseogularis*	Columbidae
N/A	800f	Oriental Turtle-Dove, *Streptopelia orientalis*	Columbidae
N/A	800f	Pink Pigeon, *Nesoenas mayeri*	Columbidae
N/A	3300f SS	Black-billed Wood-Dove, *Turtur abyssinicus*	Columbidae
Margin		Scaled Pigeon, *Patagioenas speciosa*	Columbidae

2020 February 28 (Cuckoos) Set/4, SS/1 A*

N/A	800f	Pallid Cuckoo, *Cacomantis pallidus*	Cuculidae
N/A	800f	Common Cuckoo, *Cuculus canorus*	Cuculidae
N/A	800f	Same species	
N/A	800f	Same species	
N/A	3300f SS	Common Cuckoo, *Cuculus canorus*	Cuculidae
Also in margin			

2020 February 28 (Nightjars) Set/4, SS/1 A*

N/A	800f	Eurasian Nightjar, *Caprimulgus europaeus*	Caprimulgidae
N/A	800f	Gray Nightjar, *Caprimulgus jotaka*	Caprimulgidae
N/A	800f	Australian Owlet-Nightjar, *Aegotheles cristatus*	Aegothelidae
N/A	800f	Eurasian Nightjar, *Caprimulgus europaeus*	Caprimulgidae
N/A	3300f SS	Large-tailed Nightjar, *Caprimulgus macrurus*	Caprimulgidae
Margin		Gray Nightjar, *Caprimulgus jotaka*	Caprimulgidae

2020 February 28 (Bee-eaters) Set/4, SS/1 A*

N/A	800f	Red-throated Bee-eater, *Merops bulocki*	Meropidae
N/A	800f	Blue-bearded Bee-eater *Nyctyornis athertoni*	Meropidae
N/A	800f	European Bee-eater, *Merops apiaster*	Meropidae
N/A	800f	Southern Carmine Bee-eater, *Merops nubicoides*	Meropidae
N/A	3300f SS	European Bee-eater, *Merops apiaster*	Meropidae
Margin		European Bee-eater, *Merops apiaster*	Meropidae
		Southern Carmine Bee-eater, *Merops nubicoides*	Meropidae

TOGO (continued)

2020 February 28 (Sunbirds) Set/4, SS/1 A*

N/A	800f		Southern Double-collared Sunbird, *Cinnyris chalybeus*	Nectariniidae
N/A	800f		Olive-backed Sunbird, *Cinnyris jugularis*	Nectariniidae
N/A	800f		Same species	
			Malachite Sunbird, *Nectarinia famosa* (LR)	Nectariniidae
N/A	800f		Crimson Sunbird, *Aethopyga siparaja*	Nectariniidae
N/A	3300f	SS	Scarlet-chested Sunbird, *Chalcomitra senegalensis*	Nectariniidae
Margin			Malachite Sunbird, *Nectarinia famosa*	Nectariniidae

2020 February 28 (Warblers) Set/4, SS/1 A*

N/A	800f		Magnolia Warbler, *Setophaga magnolia*	Parulidae
N/A	800f		Cerulean Warbler, *Setophaga cerulea*	Parulidae
N/A	800f		Black-throated Blue-Warbler, *Setophaga caerulescens*	Parulidae
N/A	800f		American Redstart, *Setophaga ruticilla*	Parulidae
N/A	3300f	SS	Blackburnian Warbler, *Setophaga fusca*	Parulidae
Margin			Yellow Warbler, *Setophaga petechia* (LS)	Parulidae
			Cerulean Warbler, *Setophaga cerulea* (UR)	Parulidae

TONGA **2019 November 18** (Birds of Prey) Set/4 with white frames, Set/4 without frames A*

1376	2.25pa		Harpy Eagle, *Harpia harpyja*	Accipitridae
1377	2.70pa		Rough-legged Hawk, *Buteo lagopus*	Accipitridae
1378	4.20pa		African Fish-Eagle, *Haliaeetus vocifer*	Accipitridae
1379	9.20pa		Black-and-chestnut Eagle, *Spizaetus isidori*	Accipitridae
1380a-d			Same species and values as listed above, have no white frames.	
1380e			SS of four, #1380a1380d, but 2.70pa and 9.20pa has white frames on two sides.	

2019 November 25 (Owls) Set/4with white frames, Set/4 without frames A*

1381	14.40pa		Eastern Screech-Owl, M*egascops asio*	Strigidae
1382	20.60pa		Long-eared Owl, *Asio otus*	Strigidae
1383	25pa		Northern Hawk-Owl, *Surnia ulula*	Strigidae
1384	30pa		Tawny Owl, *Strix aluco*	Strigidae
1385a-d			Same species has listed above, but with no white frames.	
1385e			SS of 4, #1385a-1385d, but with two of the stamps with frames on two sides.	

TURKEY **2019 May 9** (Europa) Set/2 A*

3653	2l		Pallid Scops-Owl, *Otus bucei*	Strigidae
3654	4l		Kruper's Nuthatch, *Sitta kruperi*	Sittidae

2019 October 24 Set/2 A*

3678	2.40l		Red Junglefowl, *Gallus species* (Domesticated)	Phasianidae
3679	5.50l		Red Junglefowl, *Gallus gallus*	Phasianidae

UKRAINE **2019 May 22** (Europa) Set/2 (bklt stamps w/o frame) A*

1211	Z (26.90h)		White Stork, *Ciconia ciconia*	Ciconiidae
1212	Z (26.90h)		Thrush Nightingale, *Luscinia luscinia*	Muscicapidae

2019 July 27 (Flora and Fauna of Mezynskyi National Nature Park) Set/5+ label A*

1221a	8h		Common Cuckoo, *Cuculus canorus*	Cuculidae

UZBEKISTAN **2019 February 1** Single, type of 2017 A*

879	1510s	Thrush Nightingale, *Luscinia luscinia*	Muscicapidae

2019 August 19 Set/4 A*

893	3200s	Golden Eagle, *Aquila chrysaetos*	Accipitridae
895	3700s	Greater Flamingo, *Phoenicopterus roseus*	Phoenicopteridae

2019 December 10 (Flora and fauna of Kyzylkum State Reserve) Sheet/6 A*

906f	10,400s	Black-bellied Sandgrouse, *Pterocles orientalis*	Pteroclidae

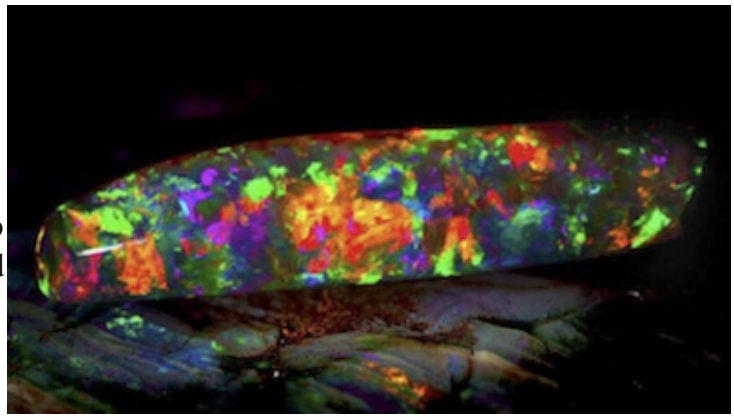
OPALIZED FOSSILS

By Michael Kogan

Over millions of years, some of the plant and animal remains buried in its ancient waterways were transformed into opalised fossils. Opals are a form of amorphous hydrated silica with up to 20% water locked within the silica structure.

The opal fields of South Australia have yielded a treasure trove of opalised fossils over the century, since the first discovery of precious opal at Coober Pedy in 1915. South Australian opal occurrences are chiefly restricted to the sedimentary rocks of what is now the Great Artesian Basin.

In July 2016 Forbes magazine reported about the biggest and most expensive Opal found in Australia – the "Virgin Rainbow" [*2]



"This extremely rare opal exhibits incredible fluorescence with a rainbow of different colors that make opal so distinctly unique. The opal was found in Coober Pedy of southern Australia by miner John Dunstan, working solo in the opal field. It is worth over $1 million and is now owned by the Southern Australia Museum in Adelaide." The "Virgin Rainbow" is actually an opalized fossil of *Belemnite* (ancient ancestor of today's Cuttlefish) when the shape of the prehistoric animal replaced by opal.

[*2]https://www.forbes.com/sites/trevornace/2016/07/25/virgin-rainbow-is-the-worlds-rarest-opal/#6f0c32d33f19

[Ed: See Australia "Opalised Fossils" issue of 2020 August 17 in the Paleontology section, page 212.]